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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Dinerstein et al.

Serial No.: 10/084,609

Filed: February 27, 2002

For: METHOD AND SYSTEM FOR

IMPROVED DIAMOND MOTION SEARCH

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: 5178US

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown belowing sufficient postage and in an envelope addressed to the Commissional for Patents, Washington, D.C. 2021

April 23, 2002 Date of Deposit

Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

Paul C. Oestreich
Typed/printed name of person whose signature is contained above

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

Serial No.: 10/084,609

DOCUMENTS

U.S. Patent Documents

U.S. Patent No.	Issue Date	<u>Inventor</u>
5,021,891	06/04/1991	Lee
5,107,345	04/21/1992	Lee
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6,246,719 B1	06/12/2001	Agarwal
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Other Documents

H26L Specification, "ITU-Telecommunications Standardization Sector", pps. 1-46, Study Group 16, Video Coding Experts Group, dated June 28, 2001.

H26L Specification, "ITU-Telecommunications Standardization Sector", pps. 1-25, Study Group 16, Video Coding Experts Group, dated May 5, 2000.

Zhu et al., "A New Diamond Search Algorithm for Fast Block-Matching Motion Estimation," pps. 287-290, <u>IEEE Transactions on Image Processing</u>, Vol 9, No.2, dated February 2000.

Shin et al., "A Center-Bised Hybrid Search Method Using Plus Search Pattern for Block Motion Estimation," pps. 309-312, <u>IEEE International Symposium on Circuits and Systems</u>, dated May 23-31, 2000.

Tourapis et al., "Optimizing the MPEG-4 Encoder - Advanced Diamond Zonal Search," pps. 674-677, <u>IEEE International Symposium on Circuits and Systems</u>, May 28-31, 2000.

MPEG-4 Diamond Search Specification, "Coding of Moving Pictures and Audio", 9 pps., draft of March 25, 2000.

Serial No.: 10/084,609

Applicants offer to supply any explanation or discussion of the documents that the Examiner feels is necessary or desirable and which is requested.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,

Paul C. Oestreich

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Date: April 23, 2002

PCO/hlg:dn

Enclosures: Form PTO-1449

Copy of documents cited

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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number (Optional) 2792-5178US	Application Number 10/084,609
Applicants Dinerstein et al.	

(Use several sheets if necessary)			Filing Date February 27, 2002		Group Art Unit Unknown				
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Docket Number (Optional)
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not in conformance and not considered. Include copy of this form with next communication to the applicant.										